

ATV650D45N4E

ATV650D45N4E Variable Speed Drive 45kW/60HP 380-480V IP55 with Disconnect Switch

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV650D45N4E
PRODUCT FAMILY	CATEGORY
Altivar Process ATV600	VFD
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This Altivar Process ATV600 variable speed drive can feed 3-phase synchronous and asynchronous power motors. It features 3 built-in RJ45 communication ports as standard, 1 Ethernet port, 2 serial ports. It works at a rated supply voltage from 380V to 480V AC. This drive provides up to 30% energy saving when on standby due to the innovative ??Stop and Go??operation without additional costs. It is suitable for motors with power rating up to 45kW / 60hp for applications requiring slight overload (up to 120%). It is suitable for motors with power rating up to 37kW / 50hp for applications requiring significant overload (up to 150%). It weighs 110.2kg and its dimensions are, 290mm wide, 910mm high, 401mm deep. This drive is focused on fluids management processing and energy saving, it offers extensive flexibility in water and wastewater, mining, minerals and metals, oil and gas and food and beverage applications. Accessories (fan kit, graphic display terminal) and options (I/O expansion modules, communication modules, EMC input filters) are available with Altivar Process ATV600 drives, depending on the drive rating. It is designed to be mounted in vertical position (+/- 10 °) on a wall. This new concept of drives meets the major needs of process and utilities in terms of equipment efficiency and total cost of ownership by supporting the energy management, asset management and also the overall performance of the process. Schneider Electric ATV650D45N4E is the exact manufacturer refe

RECORDED SPECIFICATIONS

Depth	401 mm
Width	290 mm
Height	910 mm
Phases	3
IP rating	IP55
Safety function	STO (SIL 3)
Output frequency	0.1-599 Hz
Prospective line Isc	50 kA
Rated supply voltage	380-480 V
Manufacturer part number	ATV650D45N4E

ADDITIONAL SPECIFICATIONS

Motor power (heavy duty)	37 kW
Motor power (normal duty)	45 kW
Continuous output current (heavy duty)	72 A
Continuous output current (normal duty)	87 A

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.